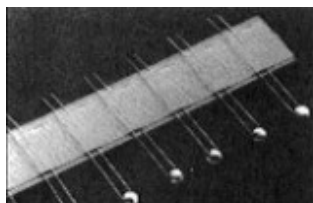


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Honeywell Sensing and Control

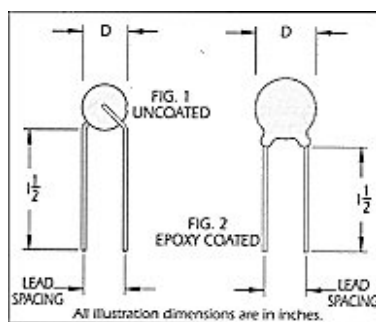
Disc Thermistors



Honeywell Disc Thermistors are ideally suited for low cost applications with a maximum temperature of 150 °C. They lend themselves to be PC board mounted. Other lead styles available on request.

Features

- PC board mountable
- Low cost
- Rugged design
- Solderable leads
- Versatile
- Available on tape or reel
- 2,54 mm to 10,16 mm [0.1 inch to 0.4 inch] diameter
- Res values from 100 Ohms to 100K Ohms
- Tinned copper leads



→ Disc Thermistors (*10% Tolerance @25 °C)


Resistance R-T (Ohms)	Part Curve	Part Number	D.C. Fig.	T.C. (min)	(max)	Lead Dia.	Lead Spacing	Lead Spacing D
500	10	140-501FAG-RB1(D)	1	3	10	.016	.1	.1
500	10	142-501FAG-RB1	2	3	10	.016	.1	.15
1,000	10	140-102FAG-	1	4	10	.016	.1	.1

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 - > Disc Thermistors
 - > E-I Matched Bead Thermistors
 - > Surface Mounted, End-Banded NTC Thermistors
 - > Glass Encapsulated Chip Thermistors
 - > Glass Probes
 - > ICL Inrush Current Limiter Thermistors
 - > ISO-Curve Glass Bead and Glass Probe Thermistors
 - > Linear Thermistor Network (LTN)
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			RB1(D)						
1,000	10	142-102FAG- RB1	2	4	10	.016	.1	.15	
3,000	16	140-302LAG- RB1(D)	1	3	10	.016	.1	.1	
3,000	16	142-302LAG- RB1	2	3	10	.016	.1	.15	
5,000	16	140-502LAG- RB1(D)	1	4	10	.016	.1	.1	
5,000	16	142-502LAG- RB1	2	4	10	.016	.1	.15	
10,000	16	140-103LAG- RB1(D)	1	4	10	.016	.1	.1	
10,000	16	142-103LAG- RB1	2	4	10	.016	.1	.15	
50,000	1	140-503QAG- RB1(D)	1	3	10	.016	.1	.1	
50,000	1	142-503QAG- RB1	2	3	10	.016	.1	.15	
100,000	1	140-104QAG- RB1(D)	1	3	10	.016	.1	.1	
100,000	1	142-104QAG- RB1	2	3	10	.016	.1	.15	
100	10	143-101FAG- RC1(D)	1	4	16	.020	.2	.2	
100	10	145-101FAG- RC1	2	4	16	.020	.2	.25	
200	10	143-201FAG- RC1(D)	1	5	18	.020	.2	.2	
200	10	145-201FAG- RC1	2	5	18	.020	.2	.25	
300	10	143-301FAG- RC1(D)	1	6	20	.020	.2	.2	
		145-							

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R-T Conversion 

300	10	301FAG- RC1	2	6	20	.020	.2	.25
500	10	143- 501FAG- RC1(D)	1	6	25	.020	.2	.2
500	10	145- 501FAG- RC1	2	6	25	.020	.2	.25
1,000	16	143- 102LAG- RC1(D)	1	6	20	.020	.2	.2
1,000	16	145- 102LAG- RC1	2	6	20	.020	.2	.25
3,000	16	143- 302LAG- RC1(D)	1	6	22	.020	.2	.2
3,000	16	145- 302LAG- RC1	2	6	22	.020	.2	.25
5,000	16	143- 502LAG- RC1(D)	1	7	35	.020	.2	.2
5,000	16	145- 502LAG- RC1	2	7	35	.020	.2	.25
10,000	1	143- 103QAG- RC1(D)	1	4	20	.020	.2	.2
10,000	1	145- 103QAG- RC1	2	4	20	.020	.2	.25
30,000	1	143- 303QAG- RC1(D)	1	6	25	.020	.2	.2
30,000	1	145- 303QAG- RC1	2	7	28	.020	.2	.25
50,000	1	143- 503QAG- RC1(D)	1	7	30	.020	.2	.2
50,000	1	145- 503QAG- RC1	2	8	32	.020	.2	.25
Resistance (Ohms)	R-T Curve	Part Number	D.C. Fig.	T.C. (min)	T.C. (max)	Lead Dia.	Lead Spacing	D

* Also offered in 1%, 2%, 5% and 20% tolerances.
(D) = Distributor item.

